PALM Intranet

Application Number [   ] [SEARCH]

IDS Flag Clearance for Application [09607841]

IDS Information

Content	Mailroom Date	Entry Number	IDS Review	Reviewer
M844	08-21-2000	8	☑	06-14-2001 12:41:03 EXPO-CONV

[UPDATE]

Refine Search

Your wildcard search against 10000 terms has yielded the results below.
Your result set for the last L# is incomplete.
The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.
Search Results -

Terms	Documents
L14 and ((suppl$ or distribut$ or provid$) with (another or different or second) with (web$ or page))	0

Database:

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:

L17

[Refine Search]

[Recall Text] [Clear] [Interrupt]

Search History

DATE: Sunday, February 05, 2006   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR		
L17	L14 and ((suppl$ or distribut$ or provid$) with (another or different or second) with (web$ or page))	0	L17
L16	L14 and (provid$ with (another or different or second) with (web$ or page))	0	L16
L15	L14 and (provid$ with second with page)	0	L15
L14	l12 or L13	17	L14
L13	L11 and @pd<=19990702	8	L13
L12	L11 and @ad<=19990702	17	L12
L11	l6 and L10	41	L11
L10	l7 or l8 or L9	24650	L10

L9	709/219,224,223.ccls.	11154	L9
L8	707/2,4-5,10.ccls.	9297	L8
L7	705/26,27.ccls.	5228	L7
L6	l2 or l3 or l4 or l5	99	L6

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L5	(5249044 | 5865845 | 5056019 | 5642485 | 5285278 | 5911140 | 5287181 | 5675819 | 5806044 | 5845396 | 5283731 | 5380991 | 5644723 | 5855007 | 5305196 | 5459306 | 5483049 | 5794233 | 5649114 | 5721897 | 5237620 | 5592560 | 5913215 | 5832457 | 5636346 | 5761648 | 5201010 | 5809481 | 5857175 | 5724521 | 5864845 | 5787422 | 5852775 | 5353218 | 5687322 | 5855008 | 4882675 | 5809242 | 5621812 | 6006225)![PN]	40	L5

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=OR

L4	('6169986'| 'US 6055573A'| 'US 6169986B'| '6055573') [ABPN1,NRPN,PN,TBAN,WKU]	4	L4
L3	('6169986'| 'US 6055573A'| 'US 6169986B'| '6055573')[URPN]	55	L3
L2	6055573.pn. or 6169986.pn.	4	L2

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

L1	6055573.pn. or 6169986.pn.	2	L1

END OF SEARCH HISTORY

```
    L1: Entry 1 of 2                   File: USPT              Jan 2, 2001


US-PAT-NO: 6169986
DOCUMENT-IDENTIFIER: US 6169986 B1

TITLE: System and method for refining search queries

DATE-ISSUED: January 2, 2001

INVENTOR-INFORMATION:
NAME                          CITY            STATE    ZIP CODE    COUNTRY
Bowman; Dwayne E.             Woodinville     WA
Ortega; Ruben E.              Seattle         WA
Hamrick; Michael L.           Seattle         WA
Spiegel; Joel R.              Woodinville     WA
Kohn; Timothy R.              Seattle         WA


ASSIGNEE-INFORMATION:
NAME                    CITY       STATE   ZIP CODE   COUNTRY   TYPE CODE
Amazon.com, Inc.        Seattle    WA                           02

APPL-NO: 09/411441    [PALM]
DATE FILED: October 1, 1999

PARENT-CASE:
RELATED APPLICATION This application is a continuation of application Ser. No.
09/145,360 filed Sep. 1, 1998 now U.S. Pat. No. 6,006,225 claims the benefit of
U.S. Provisional Application Ser. No. 60/089,244, filed Jun. 15, 1998, the
disclosure of which is hereby incorporated by reference.

INT-CL-ISSUED: [07] G06 F 17/30

US-CL-ISSUED: 707/5; 707/2, 707/4, 707/10
US-CL-CURRENT: 707/5; 707/10, 707/2, 707/4

FIELD-OF-CLASSIFICATION-SEARCH: 707/5, 707/2, 707/10, 707/4
See application file for complete search history.

PRIOR-ART-DISCLOSED:

                       U.S. PATENT DOCUMENTS
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Search Selected   Search ALL   Clear

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	5675819	October 1997	Schuetze	704/10

☐	5721897	February 1998	Rubinstein	707/2
☐	5787422	July 1998	Tukey et al.	707/5
☐	5794233	August 1998	Rubinstein	707/4
☐	5864845	January 1999	Voorhees et al.	
☐	5865845	January 1999	Voorhees et al.	707/4.5
☐	5911140	June 1999	Tukey et al.	707/5
☐	5913215	June 1999	Rubinstein	707/10
☐	6006225	December 1999	Bowman et al.	707/5

OTHER PUBLICATIONS

Abstract of Generating Advanced Query Interfaces, Lee, Srivastava and Vista, Computer Networks and ISDN System Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 656-657 (1998).
Abstract of Using Combination of Evidence for Term Expansion, Wilkinson, Information Retrieval Research, Proceedings of the 19.sup.th Annual BCS-IRSG Colloquium on IR Research (1997).
Abstract of Inquirus, the NECI Meta Search Engine, Lawrence and Giles, Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 95-105 (1998).
Abstract of Facilitating Complex Web Queries Through Visual User Interfaces and Query Relaxation , Li and Shim, Computer Networks and ISDN Systems Conference Title: Comput. Netw. ISDN Syst. (Netherlands) vol. 30, No. 1-7, pp. 149-159 (1998).

A User-centred Evaluation of Ranking Algorithms for Interactive Query Expansion, Efthimiadis, Proceedings of the 16.sup.th Annual International ACM SIGIR Conference, Pittsburgh, pp. 146-159 (1993).
Concept Based Query Expansion, Qiu and Frei, Proceedings of the 16.sup.th Annual International ACM SIGIR Conference, Pittsburgh, pp. 160-169 (1993).
Improving Retrieval Performance by Relevance Feedback, Salton and Buckley, J. of Am. Society for Info. Science 41(4):288-297 (1990).
Query Expansion Using Domain-Adapted, Weighted Thesaurus in an Extended Boolean Model, Kwon, Kim and Choi, Proceedings of the 3.sup.rd International Conference on Information and Knowledge Management (CIKM'94), pp. 140-146 (1994).
Browsing Through Querying: Designing for Electronic Books, Charoenkitkarn, Tam, Chignell and Golovchinsky, at the 5.sup.th ACM Conference on Hypertext, Seattle, WA 206-216 (1993).
A Survey of Information Retrieval and Filtering Methods, Faloutsos and Oard, Univ. of Maryland, 22 pages (undated).
A Corpus Analysis Approach for Automatic Query Expansion, Gauch and Wang, Proceedings of the 6.sup.th International Conference on Information and Knowledge Management, pp. 278-284 (1997).
Discovering Web Access Patterns and Trends by Applying OLAP and Data Mining Technology on Web Logs, Zaiane, Xin and Han, Proceedings of the IEEE Forum on Research and Technology Advances in Digital Libraries (IEEE ADL'98), pp. 19-29 (1998).
Bartell et al., "Automatic Combination of Multiple Ranked Retrieval Systems", Proceedings of SIGIR'94, Jul. 1994, pp. 173-181, Jul. 1994.
Belkin et al., "The Effect of Multiple Query Representations on Information System Performance" Proceedings of SIGIR'93, Jun. 1993, pp. 339-346, Jun. 1993.
Shaw et al., "Combination of Multiple Searches", Proceedings of TREC-3, Apr. 1995, pp. 105-108, Apr. 1995.
QuarterDeck Web Page, Downloaded Sep. 9, 1996, http://aracnid.qdeck.com/qdeck/products/webcompass, Sep. 1996.
Towell, et al. "Learning Collection Fusion Strategies for Information Retrieval",

Proceedings of the 12.sup.th Annual Machine Learning Conference, pp. 540-548, Jul.
1995.
Voohees, et al., "Learning Collection Fusion Strategies", Proceedings of SIGIR'95,
pp. 172-179, Jul. 1995.
Voorhees, et al., "The Collection Fusion Problem" Proceedings of TREC-3, NIST
Special Publication 500-225, pp. 95-104, Apr. 1995.

ART-UNIT: 271

PRIMARY-EXAMINER: Black; Thomas G.

ASSISTANT-EXAMINER: Coby; Frantz

ATTY-AGENT-FIRM: Knobbe, Martens, Olson & Bear, LLP

ABSTRACT:

A search engine is disclosed which suggests related terms to the user to allow the
user to refine a search. The related terms are generated using query term
correlation data which reflects the frequencies with which specific terms have
previously appeared within the same query. The correlation data is generated and
stored in a look-up table using an off-line process which parses a query log file.
The table is regenerated periodically from the most recent query submissions (e.g.,
the last two weeks of query submissions), and thus strongly reflects the current
preferences of users. Each related term is presented to the user via a respective
hyperlink which can be selected by the user to submit a modified query. In one
embodiment, the related terms are added to and selected from the table so as to
guarantee that the modified queries will not produce a NULL query result.

12 Claims, 11 Drawing figures

☐ | Generate Collection | | Print |


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L1: Entry 2 of 2                      File: USPT                Apr 25, 2000
```

US-PAT-NO: 6055573
DOCUMENT-IDENTIFIER: US 6055573 A

TITLE: Communicating with a computer based on an updated purchase behavior
classification of a particular consumer

DATE-ISSUED: April 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gardenswartz; Will H.	Annapolis	MD		
Banker; David W.	Mt. Baldy	CA		
Goidel; Melissa B.	New York	NY		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
SuperMarkets Online, Inc.	Greenwich	CT			02

APPL-NO: 09/226174   [PALM]
DATE FILED: January 7, 1999

PARENT-CASE:
CROSS-REFERENCE TO RELATED APPLICATIONS This application claims priority from U.S.
Provisional Application Ser. No. 60/114,462, filed Dec. 30, 1998, which is
incorporated herein by reference .

INT-CL-ISSUED: [07] G06 F 13/00

US-CL-ISSUED: 709/224; 709/219, 709/223, 705/26
US-CL-CURRENT: 709/224; 705/26, 709/219, 709/223

FIELD-OF-CLASSIFICATION-SEARCH: 709/201, 709/202, 709/206, 709/217, 709/218,
709/219, 709/223, 709/224, 705/26, 705/27, 705/10, 705/1, 707/10
See application file for complete search history.

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL | | Clear |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	4882675	November 1989	Nichtberger et al.	

☐	5056019	October 1991	Schultz et al.	
☐	5201010	April 1993	Deaton et al.	
☐	5237620	August 1993	Deaton et al.	
☐	5249044	September 1993	Von Kohorn	
☐	5283731	February 1994	Lalonde et al.	
☐	5285278	February 1994	Holman	
☐	5287181	February 1994	Holman	
☐	5305196	April 1994	Deaton et al.	
☐	5353218	October 1994	De Lapa et al.	
☐	5380991	January 1995	Valencia et al.	
☐	5459306	October 1995	Stein et al.	
☐	5483049	January 1996	Schulze, Jr.	
☐	5592560	January 1997	Deaton et al.	
☐	5621812	April 1997	Deaton et al.	
☐	5636346	June 1997	Saxe	705/1
☐	5642485	June 1997	Deaton et al.	
☐	5644723	July 1997	Deaton et al.	
☐	5649114	July 1997	Deaton et al.	
☐	5687322	November 1997	Deaton et al.	
☐	5724521	March 1998	Dedrick	705/26
☐	5761648	June 1998	Golden et al.	
☐	5806044	September 1998	Powell	
☐	5809242	September 1998	Shaw et al.	709/217
☐	5809481	September 1998	Baron et al.	705/14
☐	5832457	November 1998	O'Brien et al.	
☐	5845396	December 1998	Gerace	
☐	5852775	December 1998	Hidary	455/404
☐	5855007	December 1998	Jovicic et al.	
☐	5855008	December 1998	Goldhaber et al.	
☐	5857175	January 1999	Day et al.	

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	CLASS
0 512 509 A2	November 1992	EP	
0 822 535 A2	February 1998	EP	
196 41 092 A1	April 1998	DE	
WO 97/12486	April 1997	WO	
WO 97/23838	July 1997	WO	

WO 98/15907   April 1998   WO

OTHER PUBLICATIONS

IntelliQuest Looks for Interaction with Loyalty, Web Traffic Programs, Electronic
Advertising & Marketplace Report, Lexis-Nexis, Oct. 20, 1998.
IntelliQuest and CoolSavings Offer Innovative Online Customer Relationdship
Management Program for Technology Vendors, Business Editors & Technology Writers,
Lexis-Nexis, Sep. 30, 1998.
In this Computer Age, Who Needs Coupons?, The New York Times, Jun. 15, 1989.sup.1.

ART-UNIT: 278

PRIMARY-EXAMINER: Vu; Viet D.

ATTY-AGENT-FIRM: Oblon, Spivak, McClelland, Maier & Neustadt, P.C.

ABSTRACT:

A method, system, and computer program product for delivering a targeted
advertisement. A first identifier, such as a cookie, corresponding to the a first
computer is received from the first computer. A targeted advertisement is delivered
to the first computer in response to receiving the first identifier from the first
computer. The targeted advertisement is based on the observed offline purchase
history of a consumer associated with the first identifier. The invention includes
the delivery of a promotional incentive for a consumer to comply with a particular
behavioral pattern. The behavioral pattern may be a predefined change in purchase
behavior or continuance of an established purchase behavior. The targeted
advertisements sent to consumers may be changed and/or refined based on changes in
consumers' purchase history behaviors.

12 Claims, 14 Drawing figures

Hit List

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |

| Generate OACS |

Search Results - Record(s) 1 through 10 of 17 returned.

☐ 1. Document ID: US 6922672 B1

L14: Entry 1 of 17   File: USPT   Jul 26, 2005

US-PAT-NO: 6922672
DOCUMENT-IDENTIFIER: US 6922672 B1

TITLE: Dynamic method and apparatus for target promotion

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2. Document ID: US 6769019 B2

L14: Entry 2 of 17   File: USPT   Jul 27, 2004

US-PAT-NO: 6769019
DOCUMENT-IDENTIFIER: US 6769019 B2

TITLE: Method of background downloading of information from a computer network

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3. Document ID: US 6594692 B1

L14: Entry 3 of 17   File: USPT   Jul 15, 2003

US-PAT-NO: 6594692
DOCUMENT-IDENTIFIER: US 6594692 B1
** See image for **Certificate of Correction** **

TITLE: Methods for transacting electronic commerce

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachment | Claims | KWIC | Draw De |

☐ 4. Document ID: US 6529952 B1

L14: Entry 4 of 17   File: USPT   Mar 4, 2003

US-PAT-NO: 6529952
DOCUMENT-IDENTIFIER: US 6529952 B1

TITLE: Method and system for the collection of cookies and other information from a panel

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De
```

☐ 5. Document ID: US 6338066 B1

L14: Entry 5 of 17   File: USPT   Jan 8, 2002

US-PAT-NO: 6338066
DOCUMENT-IDENTIFIER: US 6338066 B1

TITLE: Surfaid predictor: web-based system for predicting surfer behavior

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De
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☐ 6. Document ID: US 6317782 B1

L14: Entry 6 of 17   File: USPT   Nov 13, 2001

US-PAT-NO: 6317782
DOCUMENT-IDENTIFIER: US 6317782 B1

TITLE: Method and apparatus for detecting actual viewing of electronic advertisements and transmitting the detected information

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De
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☐ 7. Document ID: US 6298348 B1

L14: Entry 7 of 17   File: USPT   Oct 2, 2001

US-PAT-NO: 6298348
DOCUMENT-IDENTIFIER: US 6298348 B1
** See image for Certificate of Correction **

TITLE: Consumer profiling system

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| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De
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☐ 8. Document ID: US 6055573 A

L14: Entry 8 of 17   File: USPT   Apr 25, 2000

US-PAT-NO: 6055573
DOCUMENT-IDENTIFIER: US 6055573 A

TITLE: Communicating with a computer based on an updated purchase behavior classification of a particular consumer
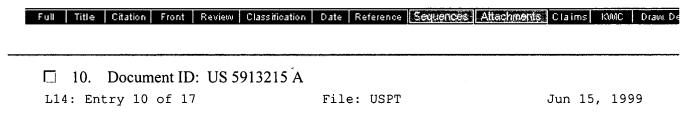
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 9.   Document ID: US 6006225 A

L14: Entry 9 of 17   File: USPT   Dec 21, 1999

US-PAT-NO: 6006225
DOCUMENT-IDENTIFIER: US 6006225 A

TITLE: Refining search queries by the suggestion of correlated terms from prior searches

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 10.   Document ID: US 5913215 A

L14: Entry 10 of 17   File: USPT   Jun 15, 1999

US-PAT-NO: 5913215
DOCUMENT-IDENTIFIER: US 5913215 A

TITLE: Browse by prompted keyword phrases with an improved method for obtaining an initial document set

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
L12 or L13	17

Display Format: |-____| | Change Format |

Previous Page   Next Page   Go to Doc#

Hit List

<u>First Hit</u> | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs |
Generate OACS

Search Results - Record(s) 11 through 17 of 17 returned.

☐ 11. Document ID: US 5911140 A

L14: Entry 11 of 17   File: USPT   Jun 8, 1999

US-PAT-NO: <u>5911140</u>
DOCUMENT-IDENTIFIER: US 5911140 A

TITLE: Method of ordering document clusters given some knowledge of user interests

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 12. Document ID: US 5864845 A

L14: Entry 12 of 17   File: USPT   Jan 26, 1999

US-PAT-NO: <u>5864845</u>
DOCUMENT-IDENTIFIER: US 5864845 A

TITLE: Facilitating world wide web searches utilizing a multiple search engine query clustering fusion strategy

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 13. Document ID: US 5794233 A

L14: Entry 13 of 17   File: USPT   Aug 11, 1998

US-PAT-NO: <u>5794233</u>
DOCUMENT-IDENTIFIER: US 5794233 A

TITLE: Browse by prompted keyword phrases

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 14. Document ID: US 5787422 A

L14: Entry 14 of 17   File: USPT   Jul 28, 1998

US-PAT-NO: <u>5787422</u>
DOCUMENT-IDENTIFIER: US 5787422 A

TITLE: Method and apparatus for information accesss employing overlapping clusters

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 15.   Document ID: US 5724521 A

L14: Entry 15 of 17   File: USPT   Mar 3, 1998

US-PAT-NO: 5724521
DOCUMENT-IDENTIFIER: US 5724521 A

TITLE: Method and apparatus for providing electronic advertisements to end users in
a consumer best-fit pricing manner

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 16.   Document ID: US 5721897 A

L14: Entry 16 of 17   File: USPT   Feb 24, 1998

US-PAT-NO: 5721897
DOCUMENT-IDENTIFIER: US 5721897 A

TITLE: Browse by prompted keyword phrases with an improved user interface

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 17.   Document ID: US 5283731 A

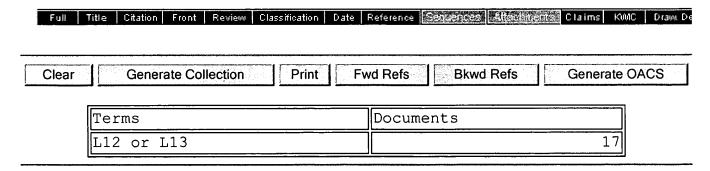L14: Entry 17 of 17   File: USPT   Feb 1, 1994

US-PAT-NO: 5283731
DOCUMENT-IDENTIFIER: US 5283731 A

TITLE: Computer-based classified ad system and method

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

| Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS |

Terms	Documents
L12 or L13	17

Display Format: |-____| | Change Format |